

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



- 1 CONTRACTOR DE CONTRACT

(43) International Publication Date 17 July 2003 (17.07.2003)

PCT

(10) International Publication Number WO 03/057376 A1

(51) International Patent Classification7: B29C 45/16 B07B 1/46.

- (21) International Application Number: PCT/ZA03/00003
- (22) International Filing Date: 8 January 2003 (08.01.2003)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 2002/0140 2002/1450

8 January 2002 (08.01.2002) ZA 20 February 2002 (20.02.2002) ZA

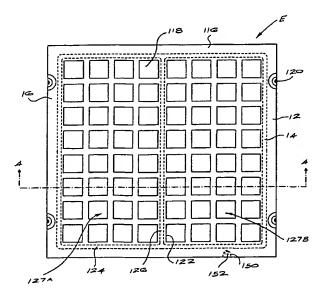
- (71) Applicant (for all designated States except US): RCM PLASTICS CC [ZA/ZA]; Cnr Main & Dam Roads, Anderbolt, 1459 Boksburg (ZA).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MAHL, Franz, Xavier [DE/ZA]; 28 Collins Street, Primrose Ext. 2, 1401 Germiston (ZA). LOUW, Charles, Wynand [ZA/ZA]; 1413 Mikana Street, Van Riebeeck Park, 1619 Kempton

Park (ZA). REID-ROBERTSON, Johan, Theodore [ZA/ZA]; 1145 Kwartz Street, Helderkruin, 1724 Roodepoort (ZA). MARIETTA, Angelo [IT/ZA]; Cnr. Main and Dam Roads, Anderbolt, 1459 Boksburg (ZA).

- (74) Agents: MCCALLUM RADEMEYER & FREIMOND et al.; PO Box 1130, Maclyn House, 7 June Avenue, Bordeaux, 2125 Randburg (ZA).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: A SCREENING ELEMENT



(57) Abstract: The invention provides a screen which has a screen body (12) and a plurality of ribs which extend across the screen body. Screening apertures (118) are defined in the screen body by the ribs. A reinforcing frame (124) is embedded in the screen body, which frame is made of a first plastics material which has a greater density than a second plastics material from which the screen body (12) is made. The frame has keying formations formed therein to assist in bonding between the frame and the screen body.

